
RENAULT
Passion for life
New ZOE
The pleasure of driving 100% electric
takes on a new dimension
ZOE
ZE

High-performing
User-friendly
Assertive design

High-performing
User-friendly
Assign



Connected
High-tech
Dynamic
For all

Connected
High-tech
Dyn
For all



“New ZOE makes you want to **go further.** We’ve designed **a new generation of ZOE:** at the forefront of **electric performance** and still **more easy-going.** It corroborates that Groupe Renault is at the outposts of a **100% electric mobility for all.**”

Gilles Normand
Director of the Electric Vehicle Division
of Groupe Renault

01

New ZOE : electric mobility reinvented

New ZOE is more high-performing than ever, notably thanks to its increased power and radius of action. Its assertive design gives it even more character. New ZOE offers a wide range of high-tech equipment serving both the driving comfort and the on-board experience. The pleasure of driving 100% electric takes on a new dimension!

The launch of the third generation of Renault's flagship vehicle in its 100% electric collection is a major milestone in the Group's strategy for large-scale electric vehicle development.



THE STORY OF ZOE IN NUMBERS ›

WLTP driving range (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys), for the ZOE Life version. In the process of being approved.

01

New ZOE : electric mobility reinvented

Seven years after the release of what has become Europe's best-selling urban electric car, New ZOE evolves in versatility, quality and technology. And it offers superior features, right from entry level, all while remaining affordable.

This evolution is immediately obvious. On the outside, New ZOE shows its personality without losing its distinctive fresh design. The interior has been revolutionized, with a fully redesigned instrument panel and dashboard for improved comfort.

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New ZOE : electric mobility reinvented

On a technical level, New ZOE is both more autonomous, with a battery of 52 kWh lasting up to 390 kilometers in the WLTP* and has more recharging options thanks to the introduction of a direct current (DC) charge. With its more powerful 100 kW motor, New ZOE offers even more driving pleasure.

Lastly, New ZOE is equipped with many innovative features and connected Renault EASY CONNECT services. Driving aids, a 10-inch display, the Renault EASY LINK multimedia system, and a new urban mode are all designed to make everyday driving easier and more enjoyable.

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"New ZOE has a unique advantage: it is the **third generation of a vehicle already considered a standard-setter.** We have used our experience in the electric mobility market to modernize all the services and technologies that were already held in high esteem by drivers."

Eric Feunteun
Director of the Electric Vehicle Program



01

New ZOE : electric mobility reinvented

A pioneer and leader in electric mobility in Europe, Renault has unparalleled knowledge of the needs and expectations of this booming market. New ZOE is proof of this expertise.

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The story of ZOE in numbers

Nearly a decade has passed between the initial presentation of the ZOE Z.E concept at the end of 2009 and the launch of New ZOE. In this time, Renault has established itself as a pioneer and leader in electric mobility, driven in particular by the success of its flagship model.

A few numbers...

Nearly 150,000 registrations by the end of May, 2019

and just as many drivers won over!
ZOE sales have been growing steadily since its launch. Its cumulative sales make it the most prevalent electric vehicle on European roads.

18.2% market share in Europe in 2018

With nearly 40,000 new registrations, ZOE accounts for nearly one in five electric cars sold on the continent. It is number one in sales in Germany, Spain, and France, where it achieved a 54.9% market share over the year.

More than 60 awards across Europe

Regularly praised in the media, since 2014 ZOE has retained the title of "best electric car for under £30,000" awarded by the British magazine *What Car?*. ZOE's successive developments have enabled it to achieve exceptional longevity.

More than 4 billion kilometers traveled

The flagship vehicle of Renault's 100% electric range has achieved the equivalent of over 10,400 Earth-to-Moon journeys without emitting a single gram of CO_2 during use!

One billion euro

In June 2018, Groupe Renault announced an investment plan to make France a center of excellence for electric vehicles within the Alliance. By 2022, it plans to double ZOE's production capacity at the Renault plant in Flins, near Paris.

More than 30,000 people

This is the number of Groupe Renault employees involved in ZOE on a daily basis, from the sales network to engineering and assembly lines.

... and some dates



27 septembre 2012

Renault creates a buzz at the Paris Motor Show with the official ZOE launch. Revealed a few months prior in Geneva, ZOE unveils its fluid lines and inviting interior for the first time.

December 11, 2014

A new electric motor is unveiled, entirely designed and manufactured by Renault in France.
Launched in the spring of 2015, it improves energy efficiency and allows ZOE drivers to enjoy 30 kilometers of additional range with the same level of performance.

November 30, 2016



The second generation of ZOE benefits from twice the driving range thanks to the introduction of the Z.E. 40 battery. It is accompanied with new innovative connected services specifically designed to simplify route planning and recharging.

February 19, 2018

The introduction of the R110 motor allows ZOE to gain 2 seconds when accelerating from 80 to 120 km/h. Not only is this enjoyable for the driver, but also reassuring when entering the highway or overtaking.

March 21, 2019

Renault launches the first prototypes of ZOE equipped with reversible charging in the Netherlands.
This full-scale experiment marks the advent of two-way charge solutions that will further enhance the role of the electric car in the energy transition movement.



June 17, 2019

Renault reveals the third generation of ZOE with even more versatility, driving pleasure and comfort.




ZOE
RENAULT
ZOE
ZOE
EVlink

02



Design: an assertive character

From the audacity of its youth to the dynamism of its adulthood, New ZOE has also reached a milestone in terms of design. The soft shapes of the previous generation now have more distinct characteristics that make the car stand out on the road as well as providing more seating.

At the front, the completely redesigned contours of the sculpted hood converge into a large aligned diamond which opens onto the charging hatch. The new shape of the bumper incorporates chrome inserts in the grill and around the fog lights, enhancing the lower section.

02



Design : an assertive character

With the famous bright C-shape belonging to all new Renault vehicles, the new 100% LED lights create an expressive look. Where the dimensions of New ZOE haven't changed, it gains in presence. It is confident and wears its electric nature with pride, the blue border around the Renault diamond logos acting as a reminder.

02

"**Dynamic and precise,** the design of New ZOE emphasizes the vehicle's **performance** and its **high-tech** equipment, all dedicated to the user **experience.**"



Agneta Dahlgren
Director of Electric Vehicle Design

THE COMPLETE INTERVIEW ›

Design : an assertive character

Groupe Renault's designers have paid particular attention to the interior's quality finishes, its comfort and the ergonomics.
A noteworthy addition to New ZOE is the 10-inch driver's display - a unique feature available right from entry level.

The soft, supple material and matte texture of the redesigned driving panel contribute to the chic and cozy ambiance. Under the Renault EASY LINK multimedia system screen, the completely reworked center console incorporates technological innovations designed by Renault for New ZOE: electronic gear lever, automatic parking brake, induction charger and more.

FOCUS ON
Exterior Design

360°



360°

FOCUS ON Exterior Design

Structure

Precision

Character

360°



360°

Redesigned hood

New ZOE inaugurates a sculpted hood with lines that converge towards the center of the front face.

Relatively short, this completely redesigned form contributes to the overall dynamism of the car. Structured around precise shapes, it complements the other developments made to the front section, and showcases the car's more distinct character.

FOCUS ON Exterior Design

Logo

Electricity

Recharge

360°



360°

Holographic diamond logo and new charging hatch

Outlined with a blue border, the Renault diamond decorating the center of the radiator grill still conceals the charging socket.

READ MORE >



Holographic diamond logo and new charging hatch

Outlined with a blue border, the Renault diamond decorating the center of the radiator grill still conceals the charging socket.

This logo features a "holographic" design, giving a textured effect to the flat surface. Behind the diamond, the charging hatch still holds a type 2 plug, but is now further improved with a connector for fast charging DC up to 50 kW, adding to all the options already offered on previous generations in alternating current (AC).

FOCUS ON Exterior Design

Expressiveness

Chrome

Elegance

360°



360°

Front bumper and fog lights

Completely redesigned, the front bumper has fog lights surrounded by a sleek chrome finish.

READ MORE >



Front bumper and fog lights

Completely redesigned, the front bumper has fog lights surrounded by a sleek chrome finish.

The grill and driving lights also feature chrome inserts. A ring in the same style, decorated with the name «ZOE», elegantly underlines the ensemble. Lower down, the LED fog lights contribute to the overall improved lighting system. Structured around side vents specifically designed to improve the flow of air, the front bumper widens the overall look of the vehicle.
The front section, well positioned over the wheels, illustrates ZOE's dynamic qualities.

FOCUS ON Exterior Design

Dynamic

Lighting

Visibility

360°



360°

FOCUS ON Exterior Design

Dynamic

Lighting

Visibility

360°

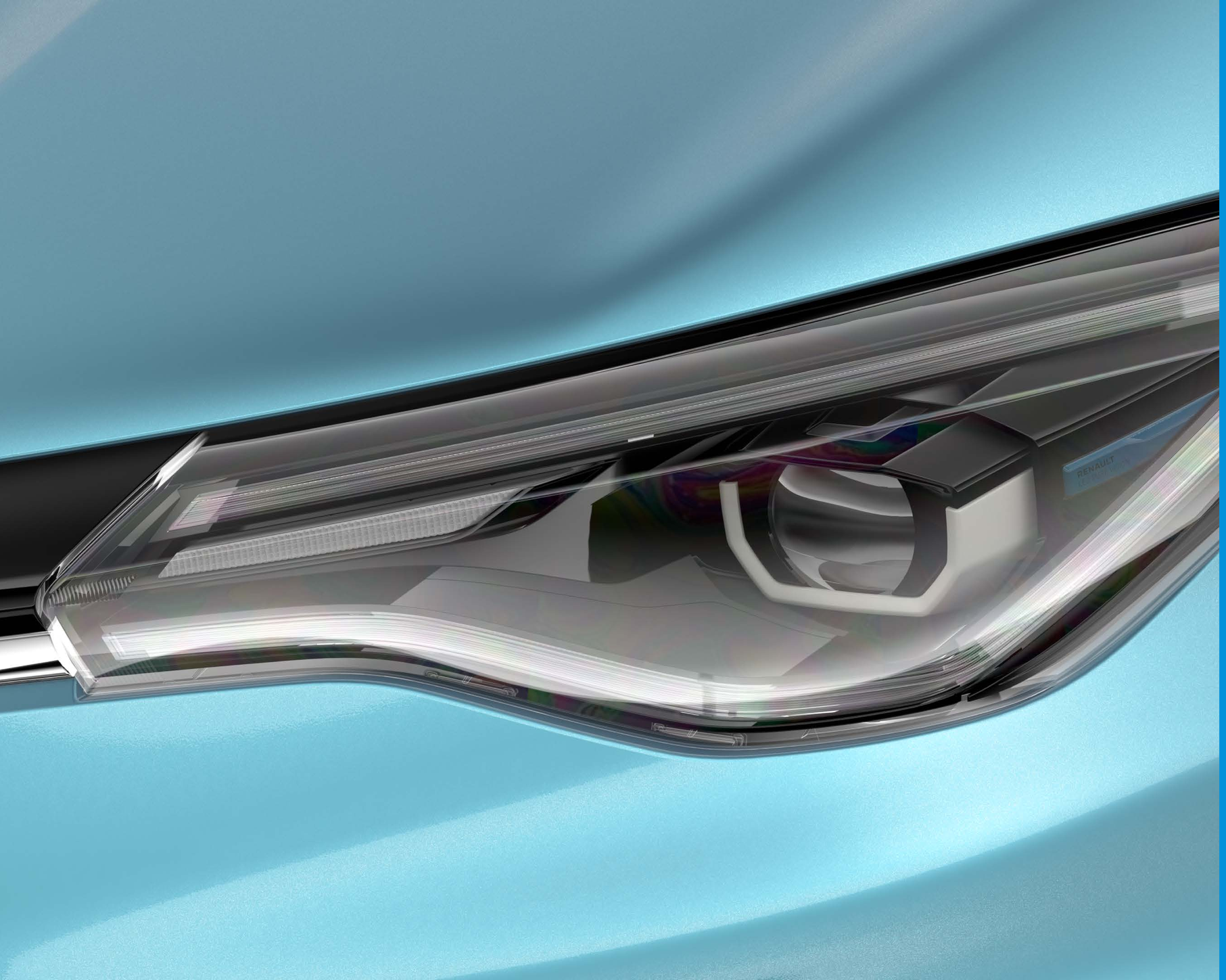


360°

Headlights

Now 100% LED throughout the entire range, the headlights feature the bright C-shape of all new Renault models.

READ MORE >



Headlights

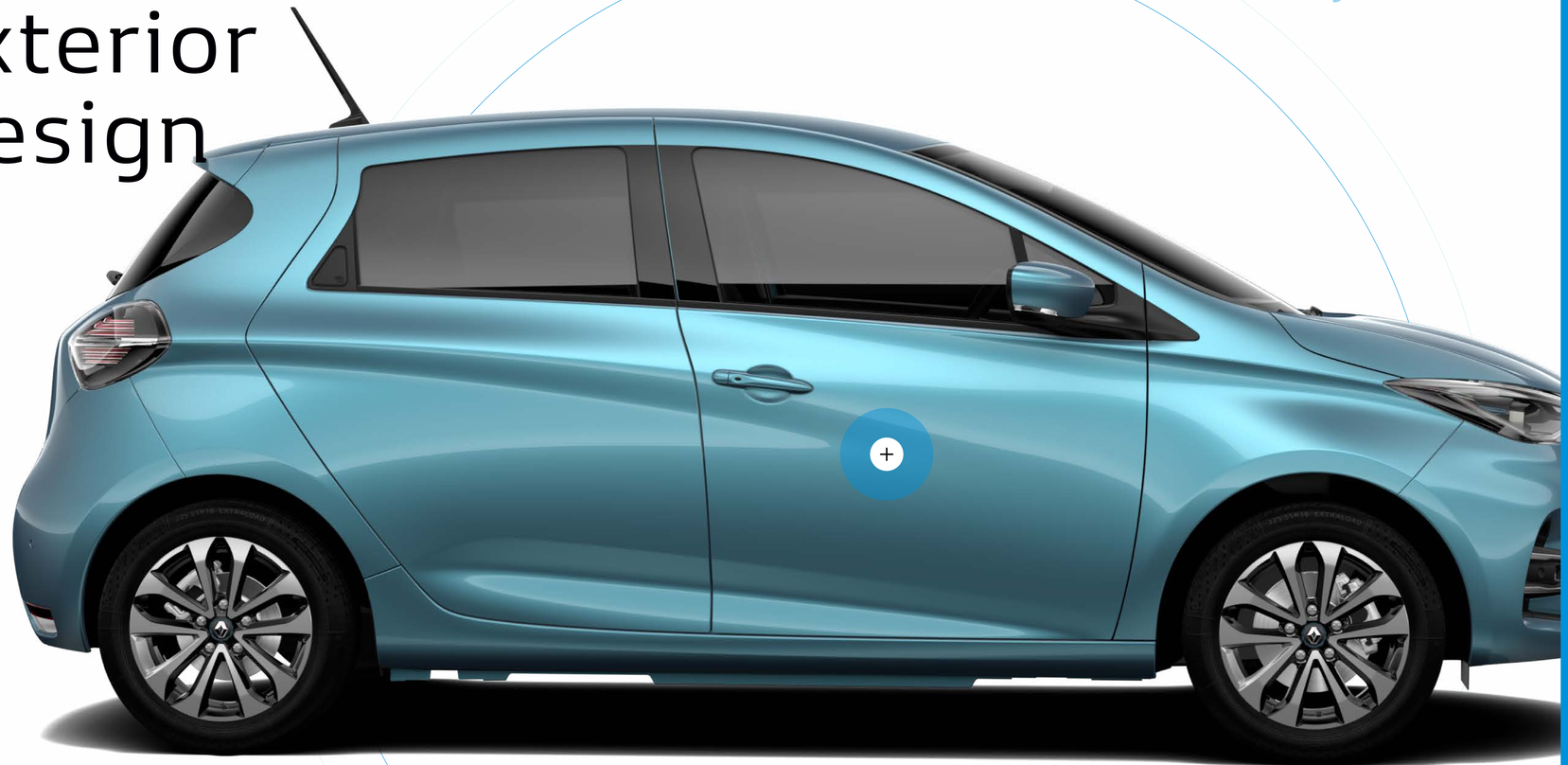
Now 100% LED throughout the entire range, the headlights feature the bright C-shape of all new Renault models.

In addition to giving the car a bolder look, these new headlights significantly improve visibility for the driver.

FOCUS ON Exterior Design

360°

Dynamism



Celadon Blue

Shine

360°

A full range of colors

Celadon Blue, Flame Red and Quartz White are the new colors proposed for New ZOE.

READ MORE >

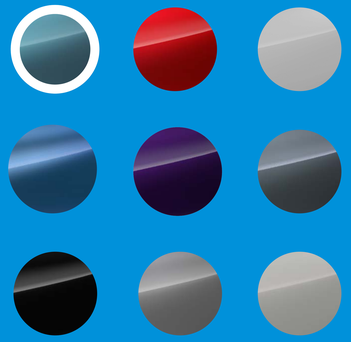
Celadon Blue



A full range of colors

Celadon Blue, Flame Red and Quartz White are the new colors proposed for New ZOE.

These shades correspond perfectly to the nature of this dynamic 100% electric vehicle. New ZOE is therefore available in a total of 9 shades, to fit in with options for customized rims



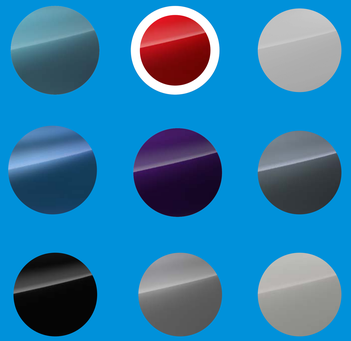
Flame Red



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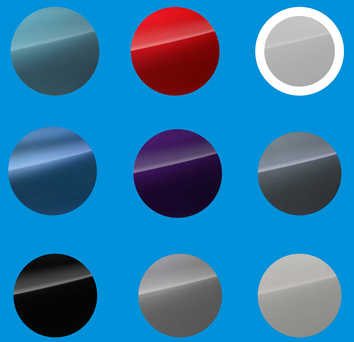
Quartz White



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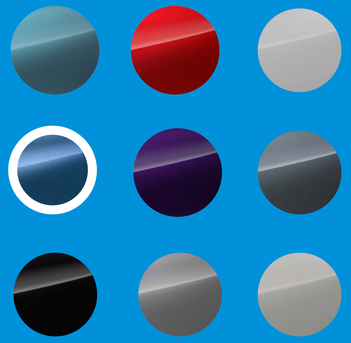
Zircon Blue



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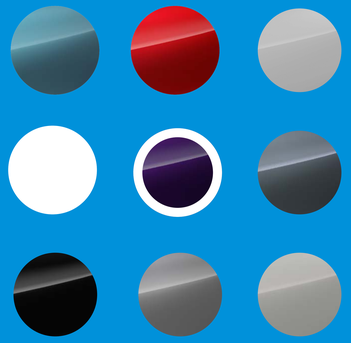
Aconite



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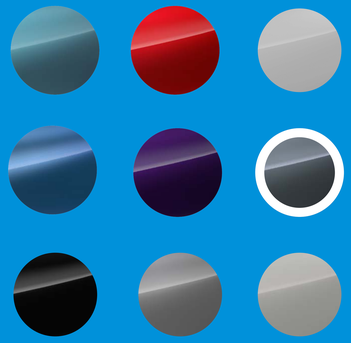
Titanium Grey



A full range of colors

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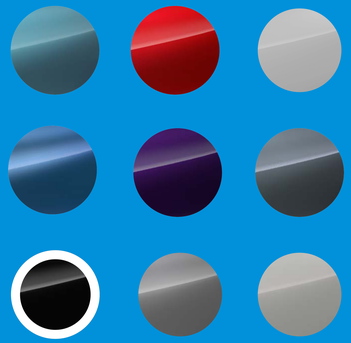
Diamond Black



A full range of colors

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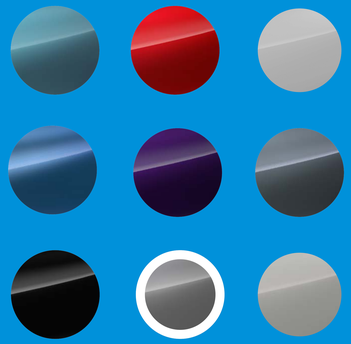
Highland Grey



A full range of colors

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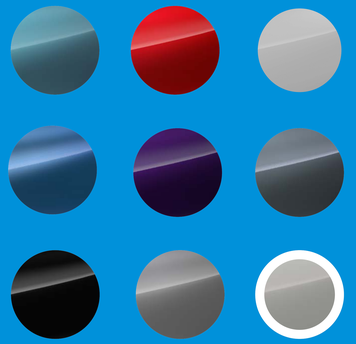
Glacier White



A full range of colors

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FOCUS ON Exterior Design



360°

Visibility

Dynamic

Lighting

360°

Taillights and dynamic turn signals

The taillights are now 100% LED for improved visibility in all weather conditions.

READ MORE >



Taillights and dynamic turn signals

The taillights are now 100% LED for improved visibility in all weather conditions.

The lights shining over the back of the tailgate also help to widen the rear of the car. The signature horizontal beams turn red for even more visibility. Using dynamic lighting, the LED turn signals sweep from the center outwards, making the car even more visibly imposing. The turn signal reminders integrated in the side mirrors also use LED lighting.

FOCUS ON Exterior Design

360°

Wheels

Braking



State-of-the-art

360°

New wheels

Better equipped, New ZOE has improved dynamic qualities in terms of acceleration and braking.

READ MORE >



15" rims
EOLE



16" alloy wheels
ELECTIVE



16" diamond cut alloy wheels ELECTIVE



17" diamond cut alloy wheels ELINGTON

New wheels

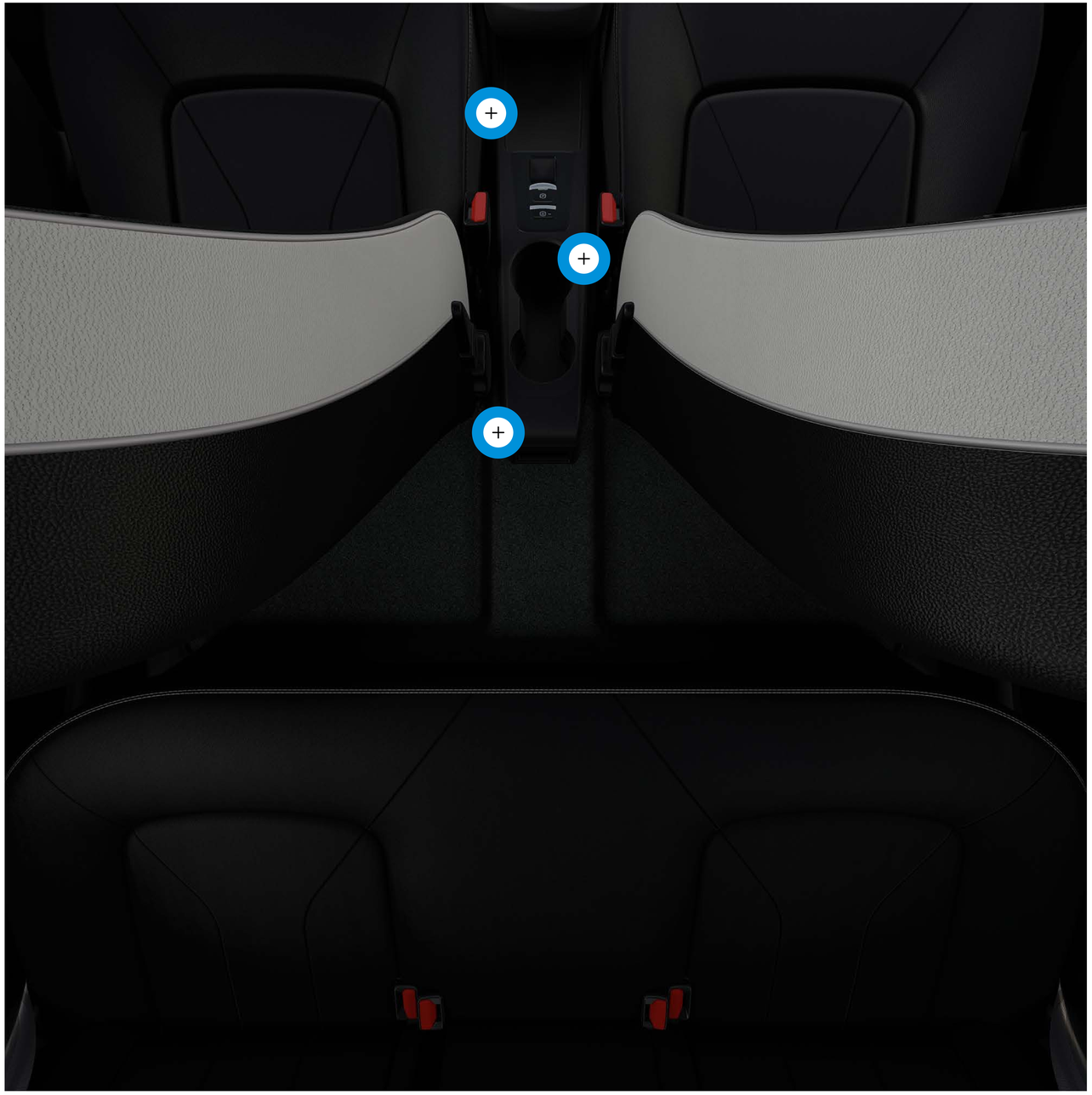
Better equipped, New ZOE has improved dynamic qualities in terms of acceleration and braking.

In particular, it is equipped with front and rear disc brakes, and has new five-wheel rims. As a consequence, the wheel range has been completely revamped. The wheels come in 15, 16 and 17 inches, with different patterns that add to the overall modernity of the design.

FOCUS ON Interior Design



FOCUS ON Interior Design



FOCUS ON Interior Design

10-inch driver’s display

New ZOE introduces a 10-inch driver’s display, available right from entry-level specifications, with definition and functions that are unparalleled in the segment.

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10-inch driver’s display

New ZOE introduces a 10-inch driver’s display, available right from entry-level specifications, with definition and functions that are unparalleled in the segment.

The display contains the main driving aids and all settings specific to electric driving, starting with the eco-meter that encourages eco-friendly driving habits.
On versions equipped with navigation, it also displays GPS indications. The driver can customize the lighting and the layout of the different information on-screen.
The display’s horizon and varying perspective-effects create a sense of depth and help the driver to focus.

FOCUS ON Interior Design

Multimedia screen

The 9.3-inch touch-screen multimedia display that extends across the center console gives access to all the navigation and entertainment services.

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Multimedia screen

The 9.3-inch touch-screen multimedia display that extends across the center console gives access to all the navigation and entertainment services.

It controls the main settings of the vehicle, from the various driving aids to the customization of the colors on the 10-inch driver's dashboard screen. The Renault EASY LINK system is enhanced with specific electric vehicle functions, such as the availability of charging stations in real-time. It also allows users to connect their smartphone and show applications via Apple CarPlay and Android Auto.

FOCUS ON Interior Design

Dashboard

The completely redesigned dashboard uses a new, soft and supple high-quality material.

READ MORE >





Dashboard

The completely redesigned dashboard uses a new, soft and supple high-quality material.

In the center, the horizontal band in the same fabric as the upholstery creates a warm and comfortable atmosphere. From layout and the choice of materials, to the integration of different screens, the entire dashboard has been revised to significantly improve the quality of its finishes.

FOCUS ON Interior Design

Innovative upholstery from the circular economy

For the ZEN finishing, New ZOE showcases new upholstery using 100% recycled fabric.

READ MORE >





Innovative upholstery from the circular economy

For the ZEN finishing, New ZOE showcases new upholstery using 100% recycled fabric.

For its design, Renault used the traditional process of carded yarn manufacturing, which creates a quality material «without melting» or chemical transformation. This yarn is made from safety belt scrap and plastic waste (PET) materials.
This constitutes a major innovation as the use of recycled carded yarn is a first for the automotive industry.
Its sourcing and short-loop manufacture conform to circular economy principles, reducing related CO_2 emissions by over 60%.

FOCUS ON Interior Design

Electronic "e-shifter" gear lever

The raised center console hosts a new electronic gear lever.

READ MORE >





Electronic « e-shifter » gear lever

The raised center console hosts a new electronic gear lever.

Above the leather, a chrome knob with satin facets is decorated with the “Z.E.” logo. It enables the easy transition, with a simple push, between driving modes, notably to enjoy the new mode designed for urban driving.

FOCUS ON Interior Design

Automatic parking brake

The automatic parking brake, present regardless of New ZOE's level of equipment, makes it even easier to drive.

READ MORE >





Automatic parking brake

The automatic parking brake, present regardless of New ZOE's level of equipment, makes it even easier to drive.

In addition, it frees up the center console space usually occupied by the handbrake lever, providing more useful storage to occupants.

FOCUS ON Interior Design

Start button

Using the hands-free Renault card, a simple push on the start button starts the car.

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Start button

Using the hands-free Renault card, a simple push on the start button starts the car.

Circled in polished chrome, the button is outlined in a signature blue light, which underlines the vehicle's electric identity. This attention to detail can be seen when the driver approaches the car with the hands-free card in their pocket: New ZOE greets them with a welcoming sequence of lights, deploys its mirrors, and unlocks the doors.

FOCUS ON Interior Design

Spacious storage

The center console allows for twice as much storage.

READ MORE >





Spacious storage

The center console allows for twice as much storage.

The two cup holders located below the e-shifter hold thermoses, bottles and cans. As for the smartphone space, it offers wireless inductive charging (as an option).

FOCUS ON Interior Design

Induction charger for smartphone

Make the driver’s life easier includes resolving the hassle of charging their phone, thanks to inductive charging.

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Induction charger for smartphone

Make the driver's life easier includes resolving the hassle of charging their phone, thanks to inductive charging.

Among the various storage integrated into the center console, the phone space includes a charging device compatible with most induction-equipped smartphones.

FOCUS ON Interior Design

Air conditioning and ventilation

Adjustable temperature controls are kept on the center console to optimize ergonomics.
They are easily identifiable thanks to the polished chrome finishing also found around the ventilation grills.



FOCUS ON Interior Design

Acoustic windshield

The acoustic windshield reduces the impact of noise from outside.
This, along with the silence of the electric motor, makes its passengers' experience more enjoyable.



FOCUS ON Interior Design

2 USB sockets for rear seats

In the back, passengers have direct access to two USB ports.
They can be used, for example, to power a phone, tablet, or portable games console during trips. They complement the 2 USB sockets available at the front.



FOCUS ON Interior Design

Ergonomic control panel

On the door panel, the new control panel hosts the window controls as well as the automatically folding electric mirrors.



FOCUS ON Interior Design

LED ceiling light

As with the outdoor lighting, the interior lighting is now 100% LED.
The ceiling light provides ample illumination when extra light is needed within the cabin.




ZOE

03

Range and charging: ZOE goes further and further

New ZOE has a Z.E. 50 battery which takes its range up to 390 kilometers on the WLTP*. It now also offers fast direct current charging, an addition to the alternating current charging options already available at home or on the street.

Renault's work to continue at the forefront of increasingly high-performing battery development did not end with the introduction of the previous generation's Z.E. 40 battery. The result: with 52 kWh, the battery Z.E. 50 for the New ZOE now offers a range of up to 390 km WLTP*, an increase of over 20%. This growth in energy capacity uses the same sized-battery, maintaining the vehicle's comfortable habitability.



* WLTP driving range (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys), for the ZOE Life version. In the process of being approved.

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Range and charging: ZOE goes further and further

The new battery Z.E. 50 even has another advantage: its ability to deliver a higher current intensity contributes to the performance of the new R135 engine.

New ZOE also is the most versatile affordable electric vehicle when it comes to charging. With its ability to take up to 22 kW from each terminal, since its inception ZOE has been the fastest-charging electric vehicle on the most prevalent recharge devices in public spaces.

An additional innovation now complements this performance: the New ZOE battery can now also charge up to 50 kW on terminals that operate with direct current (DC). This new DC charge is suitable for long journeys, especially highways. New ZOE is the only affordable electric vehicle on the market to offer AC charging up to 22 kW and DC up to 50 kW.



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Range and charging: ZOE goes further and further

Accompanied by custom connected services accessible via the MY Renault app, drivers are sure to always find the charging solutions they need, whether at home, work, in public parking areas or on the highway.

"Since the start of the adventure, Groupe Renault has known that **driving range and charging time** are key factors in the development of electric vehicles on a large scale. We have therefore provided the New ZOE with **new possibilities in terms of its radius of action.**"



Éric Blanchard
Director of Electric Vehicle
Motors and Batteries Projects

* WLTP driving range (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys), for the ZOE Life version. In the process of being approved.



A leap forward in range with each generation

At its launch in late 2012, the first ZOE with its 22 kWh battery offered around 150 kilometers of real autonomy, a range that **already far exceeded** the daily distance traveled by the average European driver.

In 2016, Renault launched the second generation of ZOE accompanied with **the arrival of the Z.E. 40 battery,** whose 41 kWh saw the vehicle's real driving range double to 300 kilometers. Research was then focused on lithium-ion chemistry to improve the battery density.

For New ZOE, engineers focused on the architecture of the battery and the different aspects of its design. The battery successfully reaches a capacity of 52 kWh within the same volume. This translates to **a 20% increase in range,** up to 390 km WLTP*.

* WLTP driving range (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys) for the ZOE Life version. In the process of being approved.



A leap forward in range with each generation

X2

At its launch in late 2012, the first ZOE with its 22 kWh battery offered around 150 kilometers of real autonomy, a range that **already far exceeded** the daily distance traveled by the average European driver.

In 2016, Renault launched the second generation of ZOE accompanied with **the arrival of the Z.E. 40 battery,** whose 41 kWh saw the vehicle's real driving range double to 300 kilometers. Research was then focused on lithium-ion chemistry to improve the battery density.

For New ZOE, engineers focused on the architecture of the battery and the different aspects of its design. The battery successfully reaches a capacity of 52 kWh within the same volume. This translates to **a 20% increase in range,** up to 390 km WLTP*.

* WLTP driving range (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys) for the ZOE Life version. In the process of being approved.



A leap forward in range with each generation

+20%

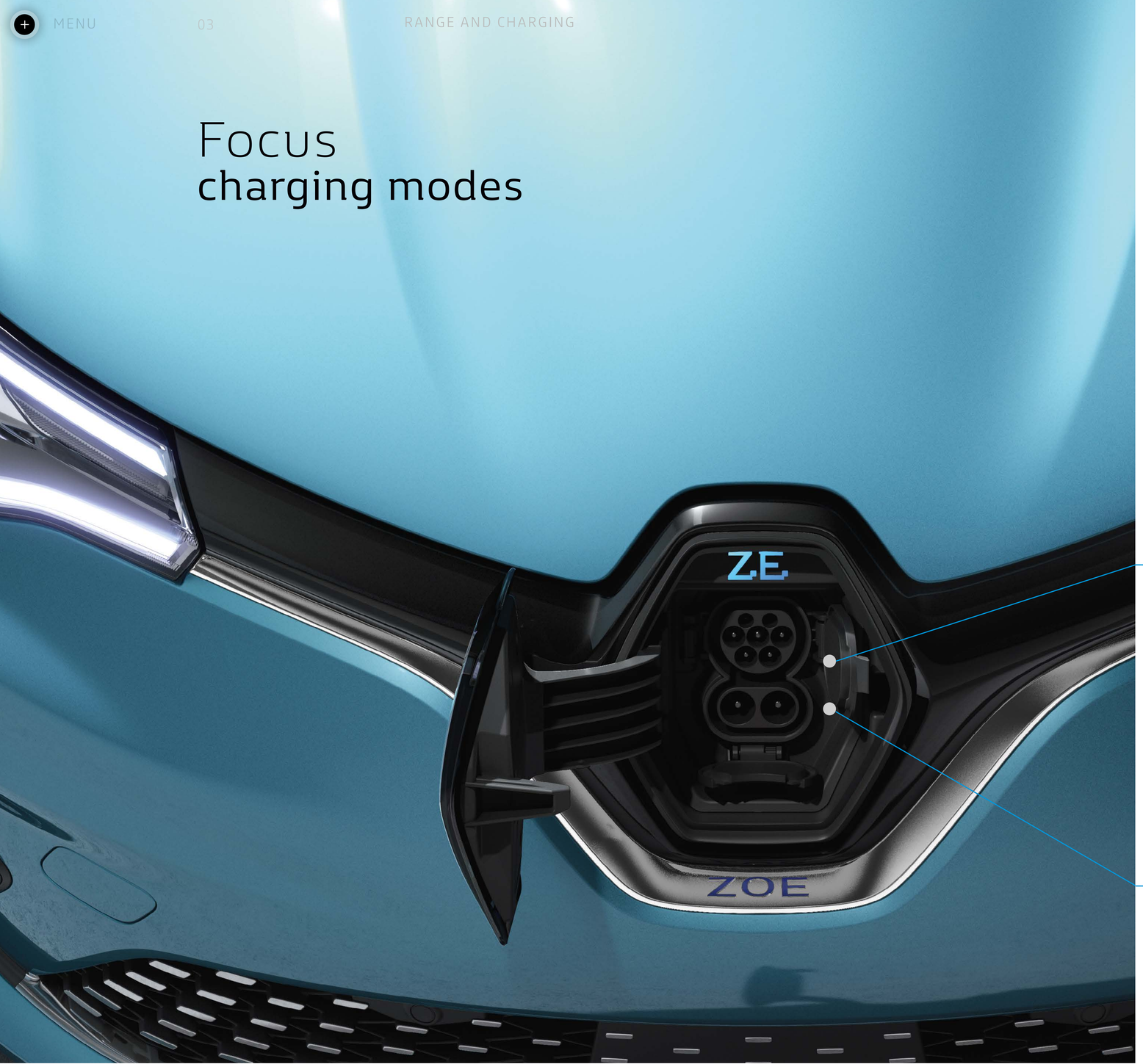
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Focus
charging modes



Combo plug for more versatility

New ZOE conceals its charging socket behind the diamond decorating its grill. The charging hatch now houses Combo plug (CCS) slightly larger than the previous plug. It consists of a European standard socket, accompanied by a two-pin connector for direct current charging. The central position of the socket facilitates connections, especially on public charging stations which have their own cable.

A type-2 socket for AC charging...

... and a two-pin connector dedicated to DC charging.

LEARN MORE ›



A type-2 socket for AC charging...

The type-2 socket and the Caméléon charger are still available for everyday use. At home, at work, at the mall parking lot or on public roads, they allow a recharge of up to 22 kW.

... and a two-pin connector dedicated to DC charging.

Thanks to its Combo plug, New ZOE is able to charge quickly with a direct current (DC) up to 50 kW. To benefit from this, the charging cable attached to the terminal is simply inserted into the two-pin connector below the type-2 socket.

No need to go to the gas station ...
an electric car recharges where it parks!

Recharge
at home

Recharge
in the city

Recharge
at the mall

Recharge
on the highway



The Renault EASY CONNECT smart services and the Combo plug in New ZOE **simplify recharging accessibility and management** anywhere.

Whatever your everyday routine, the ease of charging the New ZOE is evident. At home or work, in the city, at the supermarket or the movies, on the expressway, highway and so on.

Every scenario offers enough parking time **to recover a significant number of kilometers of range.**

No need to go to the gas station ... an electric car recharges where it parks!

Recharge at home

Recharge in the city

Recharge at the mall

Recharge on the highway



Recharge at home

Whether at a house, condo or apartment, the New ZOE can charge from 0 to 100% in 9 hours and 25 minutes using a 7 kW Wallbox. This therefore ensures that a complete recharge can comfortably be achieved overnight. Users charging their vehicle at home can also benefit from the programming options, adjusting their recharge to correspond with tariff fluctuations from their electricity supplier.

At home, my ZOE recovers around 300 kilometers of range in 8 hours*.

* The duration and distances mentioned here are calculated from results obtained by New ZOE during the WLTP (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of journeys on the highway), which aims to represent the actual conditions of the vehicles' use. However, they cannot foresee the type of journey after recharging. The recharging time and the recovered range also depend on the temperature, battery wear, power delivered by the terminal, driving style and level of charge.

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Recharge in the city

City centers are full of charging options, whether on the street or in car parks, often with free parking. An opportunity to make the most of ZOE's charging time by going out to a restaurant or shopping.

Connected to a public terminal with a power of 11 kW, my ZOE recovers up to 125 kilometers of range in 2 hours*.

* The duration and distances mentioned here are calculated from results obtained by New ZOE during the WLTP (Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of journeys on the highway), which aims to represent the actual conditions of the vehicles' use. However, they cannot foresee the type of journey after recharging. The recharging time and the recovered range also depend on the temperature, battery wear, power delivered by the terminal, driving style and level of charge.

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Recharge at the mall

The installation of charging stations has become a real competitive advantage for stores and malls. More and more are installing fast charging stations, often free of charge, designed to offer a significant increase in driving range to their customers while shopping.

Connected to a public terminal with 22 kW, my ZOE regains up to 125 kilometers of range in 1 hour*.

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Recharge in the city

Recharge at the mall

Recharge on the highway



Recharge on the highway

Thanks to the high recharging power of its new DC charger, keeping New ZOE powered becomes part of a journey's typical rhythm. Road trips, whether for vacation or professional reasons, naturally include breaks for having a rest or something to eat and drink. On the highway, ZOE's new fast charging abilities builds on these breaks to recover, in just a half hour, sufficient energy to reach the next leg of the journey.

On a 50 kW DC terminal, my New ZOE stores, in 30 minutes, enough energy to travel around 150 kilometers*.

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23°
Jeanne
12:55
23°C
Source

“Driving a ZOE has always been enjoyable… and **this pleasure is now tenfold** with New ZOE! A new motor and new equipment give it **even more high-performing qualities.**”

Elisabeth Delval
Assistant Director, Renault ZOE Programme

04

Driving pleasure: electrifying sensations

New ZOE adds a more powerful motor, perfectly suited to the fast lane, to the intrinsic charms of electric driving, and also a new mode particularly adapted to urban driving, as well as many driving aids designed for comfort and safety.

Drivers can fully enjoy New ZOE's increased radius of action, as its performance has been optimized for the highway. With the introduction of a 100 kW engine (R135, equivalent to 135 hp in a combustion engine), its improved torque offers even more acceleration control and responsiveness. Driving pleasure and comfort are enhanced, especially on the highway.



04

Driving pleasure: electrifying sensations

But urban and suburban journeys have not been forgotten. New ZOE also offers a new driving mode that simplifies city traffic. Called “B mode”, it provides intensified decelerations, allowing for the reduced use of the brake pedal.

More generally, New ZOE is the result of Renault engineers optimizing the principal technical aspects of electric car functions. This generation has been drafted on a very significantly redesigned platform in order to be at the cutting edge of electrical performance while remaining affordable. It allows to welcome innovations in chassis, motor power, battery, braking and more.



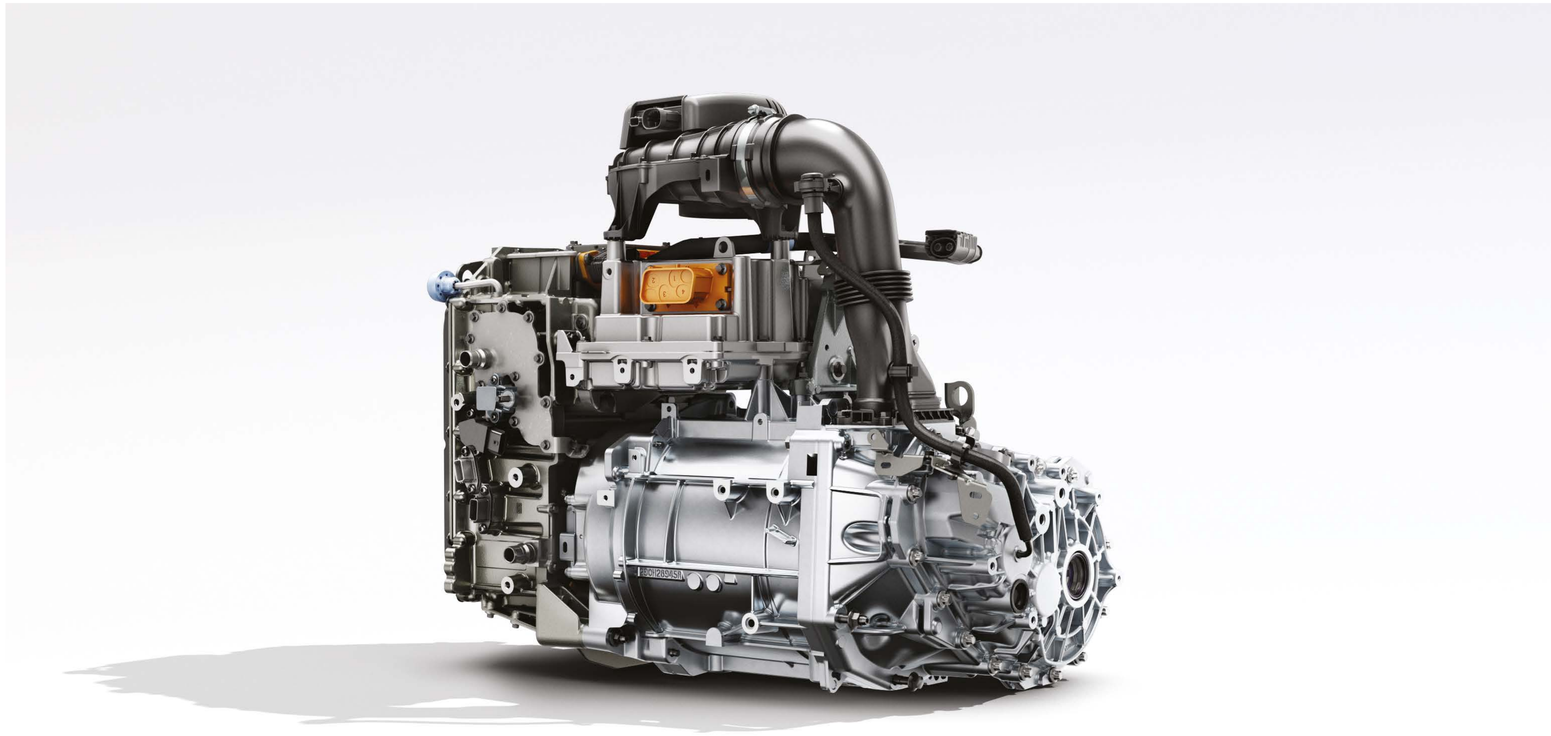
04

Driving pleasure: electrifying sensations

For example, the electrical infrastructure has been completely redesigned to accommodate for a wide range of driving aids. As for the lighting, it is now 100% LED. Available right from entry-level specifications, it offers increased brightness of 75% compared to halogen lighting, with equivalent energy consumption.



Renault offers two different motors: the 80 kW (R110) motor introduced a year ago on the previous generation, and a new variant inaugurated with New ZOE, the 100 kW (R135). Engineers have used the increased-capacity battery of New ZOE to get the most out of **its 100% Renault motor.** The R135 brings more power, more torque and better revving. New ZOE thus benefits from an **improved performance** that enhances its versatility and driving pleasure, especially when overtaking or on the highway. The R135 engine has a torque of 245 Nm that allows it to go from 80 to 120 km/h in just 7.1 seconds, 2.2 seconds better than the R110 engine. It now achieves **0 to 100 km/h in less than 10 seconds.** In addition, the New ZOE’s top speed has increased to 140 km/h.



New ZOE offers **a new driving mode,** with which the driver **has almost no need to use the brake pedal.** When B mode is activated, the car decelerates significantly faster as soon as the driver releases the accelerator pedal. **B mode makes driving easier,** especially in the city or in slowed traffic. On a technical level, its integration is accompanied by a new braking system that also improves the feel of the brake pedal. As for D mode, it remains particularly useful when the car is moving at a constant speed, on the highway for example. The driver can switch on demand between B and D modes with a simple push on the e-shifter.



New ZOE obviously has no gearbox or clutch because of its electric motor, but it still retains a gear lever to **switch between different driving modes** or to reverse. The mechanical lever is now replaced by an electronic device **called the “e-shifter”.** Simple pressure on the knob is enough to send instructions to the motor propulsion system.
The selected driving mode is clearly displayed on the center console as well as on the **10-inch driver’s display.**
As with the automatic parking brake, New ZOE therefore extends the **100% electric experience** through all its driver-friendly functions.



Driving aids

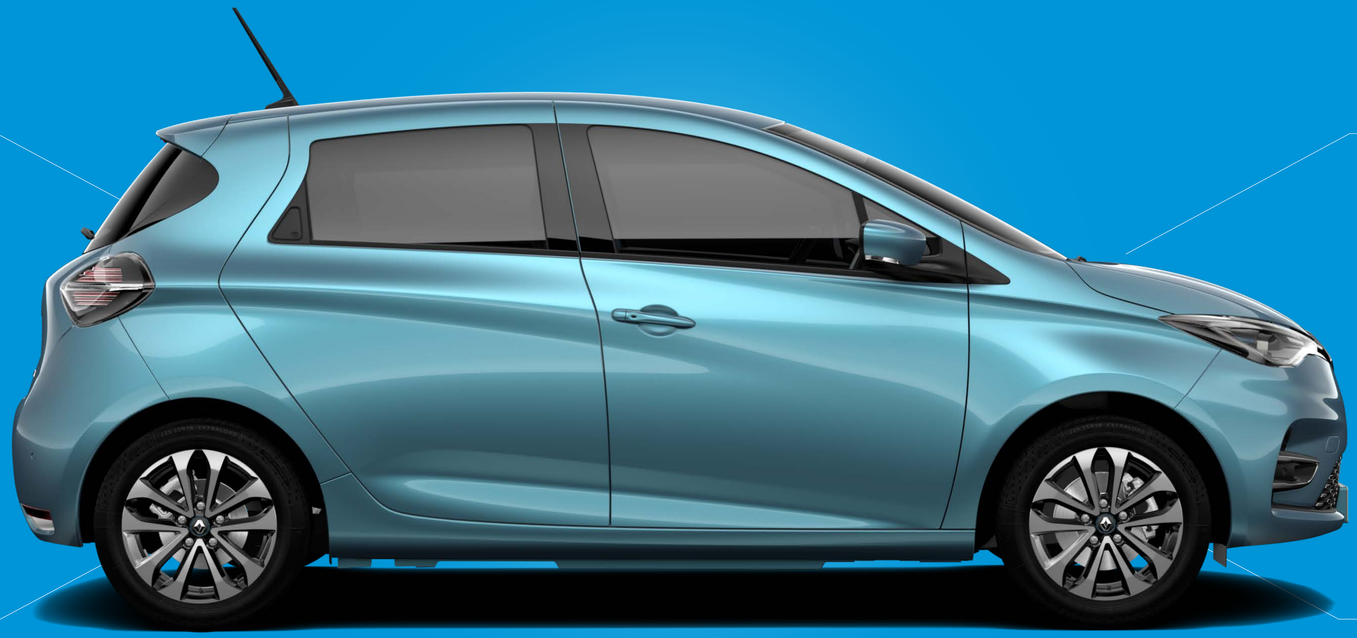
Renault engineering has built New ZOE with a brand new electrical infrastructure. More modern, it now allows for the integration of all the sensors and automated functions that are essential for the new driver assistance systems (ADAS). They are designed to better inform the driver, simplify driving, for example during parking maneuvers, and enhance safety.

Automatic dimming of high beams

The car automatically switches from high beam to low beam when a vehicle is detected coming in the opposite direction.

Recognition of traffic signals

The system detects speed limit signs on the roadside and displays the speed limit in real time.



Blind spot warning

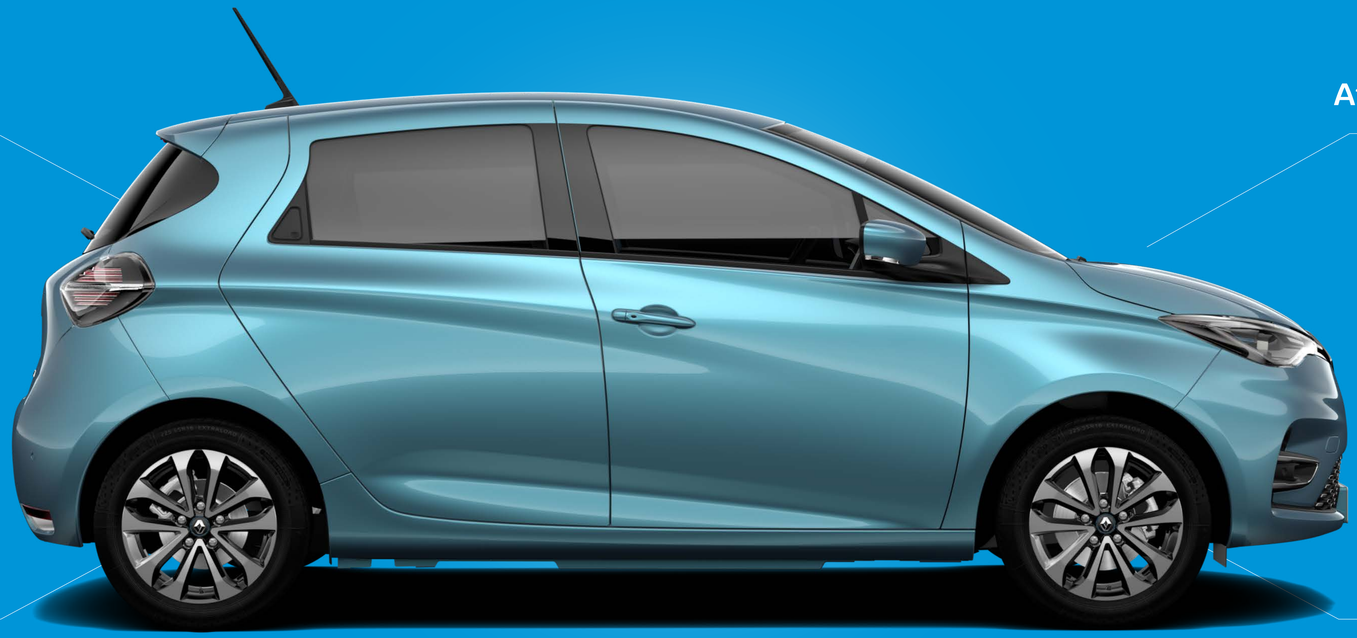
This feature warns the driver when a vehicle or obstruction is in New ZOE's blind spot.

Automatic hold assistance (Auto-Hold)

The Auto-Hold function keeps the vehicle at a stop when the driver releases the brake pedal. Driving comfort is improved, especially in congested traffic.

Driving aids

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Lane keep assist

When the driver's hands are placed on the steering wheel, the lane keep assist analyzes the movements and corrects any trajectory errors, according to the position of the vehicle relative to the road lines.

Lane departure warning

The lane departure warning uses a visual signal and steering wheel vibrations to warn the driver when accidentally crossing a continuous or discontinuous line.

Automatic emergency braking

The system makes it possible to detect an emergency braking situation. In this scenario, the brake assist instantly applies its maximum power.

Overspeed prevention

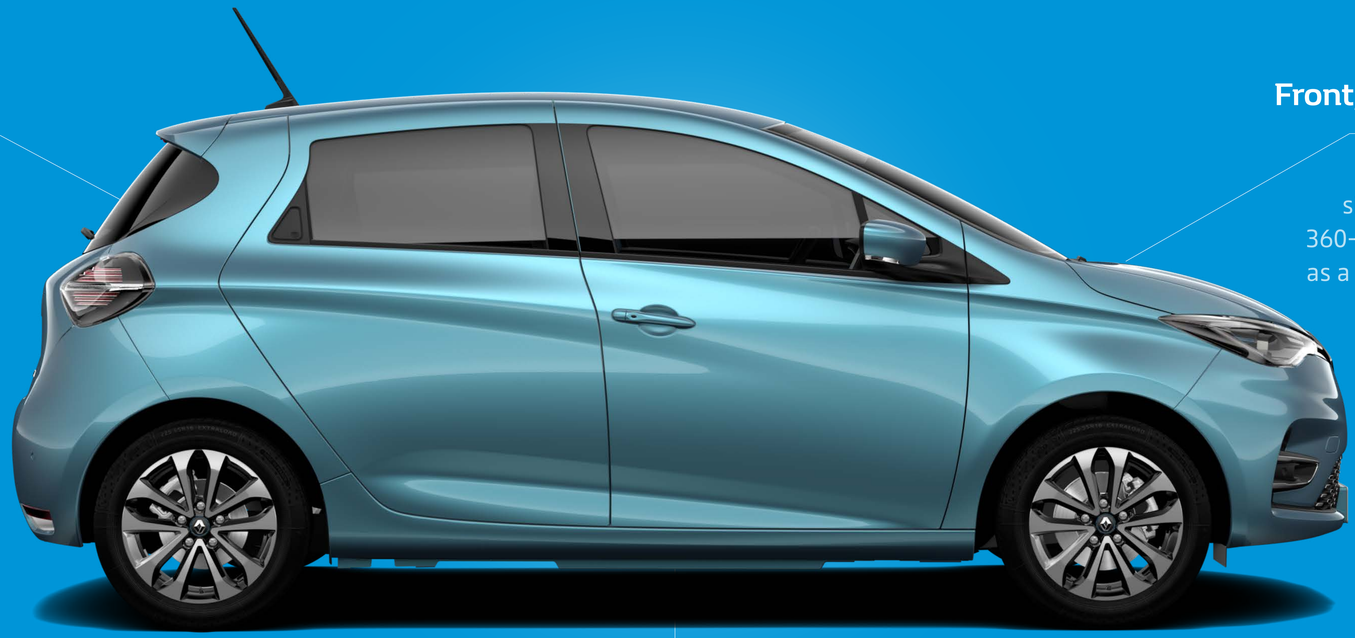
Displayed as a road sign notification on the 10-inch driver's screen, the excessive speed alert warns the driver when the vehicle is going faster than the speed limit, as determined by on-board cameras and the GPS navigation.

Driving aids

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Hands-free parking

The EASY PARK ASSIST system controls the steering so that the driver only has to manage the pedals and the driving modes.



Front, rear and sides parking radar

Built-in sensors at the front, rear and sides of the vehicle detect obstacles at 360-degrees when maneuvering. They act as a complement to the rear view camera.

Automatic parking brake

The automatic parking brake prevents having to apply the parking brake before leaving the vehicle or when starting on hills. Driving ergonomics are reinforced. Another advantage is the lack of lever, freeing up space in the center console to accommodate smartphone charging through induction.



05

Renault EASY CONNECT: a simplified experience from start to finish

Making electric mobility accessible to as many people as possible involves offering easy and enjoyable driving and operating experiences, in line with the expectations of an increasingly connected clientele. For Renault, the electric vehicle is intended to simplify the life of the driver and passengers. Welcome to an *Easy Electric Life!*

With Renault EASY CONNECT, New ZOE responds to our ever-more connected lives. It combines the new Renault EASY LINK multimedia system and the MY Renault app, offering drivers a range of applications and services designed to accompany them throughout their daily activities.



05

Renault EASY CONNECT: a simplified experience from start to finish

On a smartphone, the MY Renault application includes a variety of useful services to manage a car remotely: check the battery level and charge status, plan charging during off-peak hours, start or schedule heating or air conditioning to reach the ideal temperature of 21°C for the moment of departure without affecting the driving range, as well as view the car's radius of action on a map.

The electric route planner included in MY Renault puts together an itinerary that indicates the most suitable charging points and, accounting for the recharge stops, the overall travel time.



05

Renault EASY CONNECT: a simplified experience from start to finish

On board, Renault EASY LINK's connected navigation makes it possible to consult the map displayed on the multimedia screen at a glance. The nearest charging stations and the availability of each terminal are clearly indicated. The map is also enriched with real-time traffic information provided by TomTom and new features such as Google Search options for addresses.

The EASY LINK navigation map database is regularly updated, automatically and transparently for the user, via the "Map Auto-Update" function.

"Our vision of Easy Electric Life is to **simplify the driver's lifestyle.** Renault EASY CONNECT provides **the right information and features in the right place, at the right time,** in a comfortable way and without superfluity."

Elisabeth Delval
Assistant Director, Renault ZOE Programme



05

Renault EASY CONNECT: a simplified experience from start to finish

On the 10-inch dashboard screen, the map is displayed immediately beneath the driver's eye-line, alongside the eco-meter, which provides information on the performance of the regenerative braking and encourages the driver to optimize the vehicle's driving range using eco-friendly driving.

The user chooses the layout of the counter display, so that it shows their preferred information. As on the multimedia screen, the layout and settings can be adapted to best suit their mode of use.

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Assistant Director, Renault ZOE Programme



A day in the electric life

1 2 3 4 5 6 7

The connected services in the MY Renault app on my smartphone, and the Renault EASY LINK system in our New ZOE, have been designed as real, daily tools for before, during and after every journey.

Imagine you live in Paris, France, and would like to take a trip to the seaside for a long weekend...

A day in the electric life

How about a weekend trip?

1 2 3 4 5 6 7

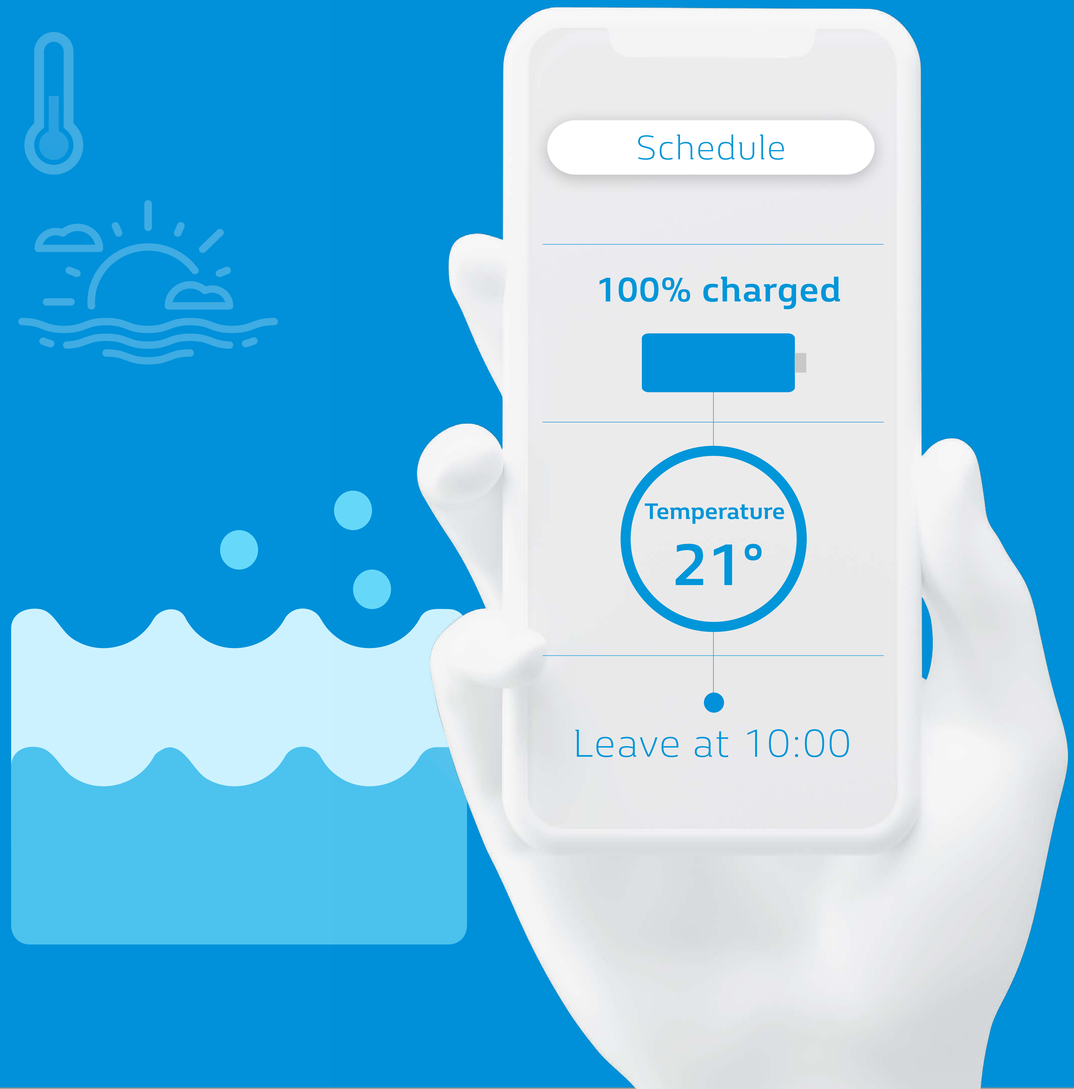
1

How about a weekend trip?

Remote consultation and control of recharge

The sun's out, it's time to organize a weekend by the sea! Using the MY Renault app, I can check the charge level of my New ZOE and plan its recharge schedule remotely.

I use the programming to pre-heat/cool the interior to 21°C for a departure the next morning. The journey will be more comfortable right from the start, and energy will be saved for the road.



A day in the electric life

Where should we go?

1 2 3 4 5 6 7

2

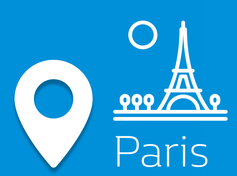
Where should we go?

Reachable destination

With the MY Renault app, I can see the radius of action of my New ZOE. It shows us that we could go non-stop to the historic city of Honfleur in Normandy ...

But our choice is a destination with fewer tourists and further away: Cancale, on the northern coast of Brittany, 400 kilometers from Paris. Perfect for a long weekend!







Honfleur
200 km



Cancale
400 km

* WLTP driving range
(Worldwide Harmonized Light vehicles Test Procedure, standardized cycle: 57% of urban journeys, 25% of suburban journeys, 18% of highway journeys) for the ZOE Life version. In the process of being approved.

A day in the electric life

How do we get there?

1 2 3 4 5 6 7

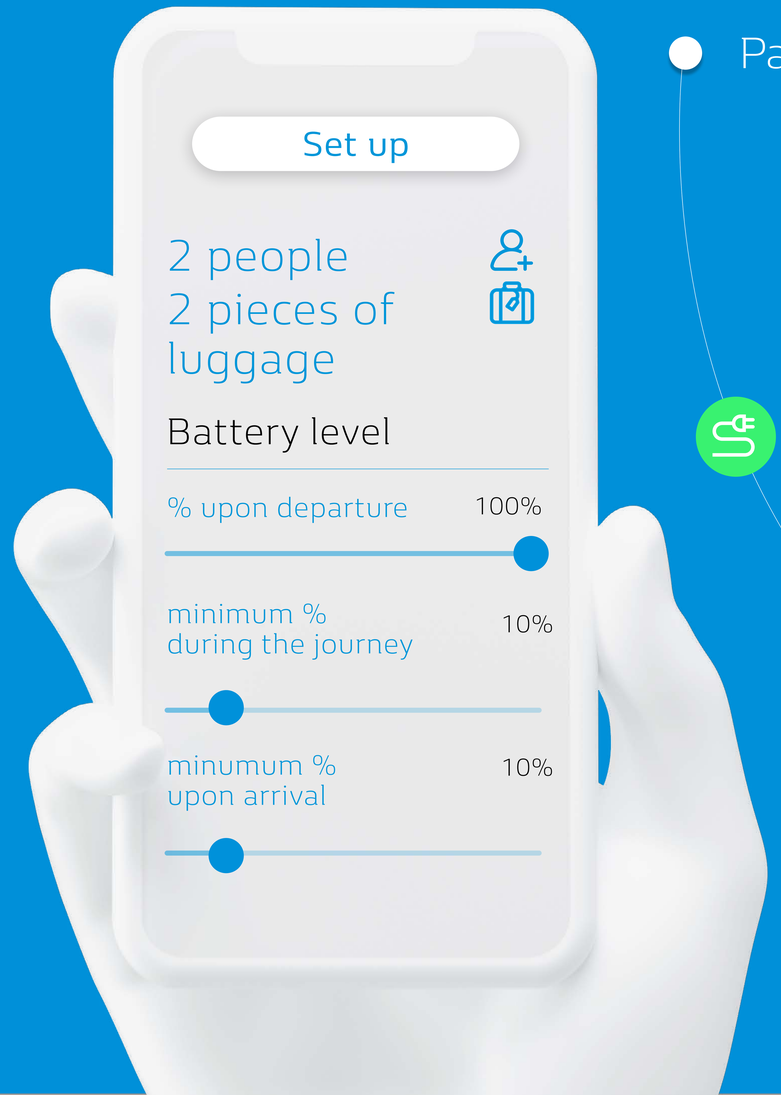
3

How do we get there?

Electric Route Planner

I enter our destination of Cancale in the “navigation” page of the MY Renault app, then I update it with any details of our trip that could influence the car’s energy consumption, such as the number of passengers.

The planner suggests a route that includes a break of 2 hours and 15 minutes at a fast charging station on the way, up at Dozulé.



Paris

Recharge at Dozulé
Journey length: 2h15



Cancale
400 km

A day in the electric life

Ready to leave

1 2 3 4 5 6 7

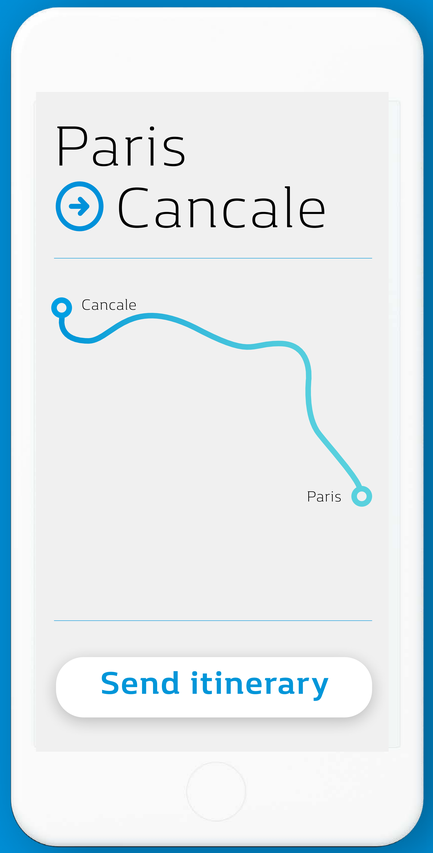
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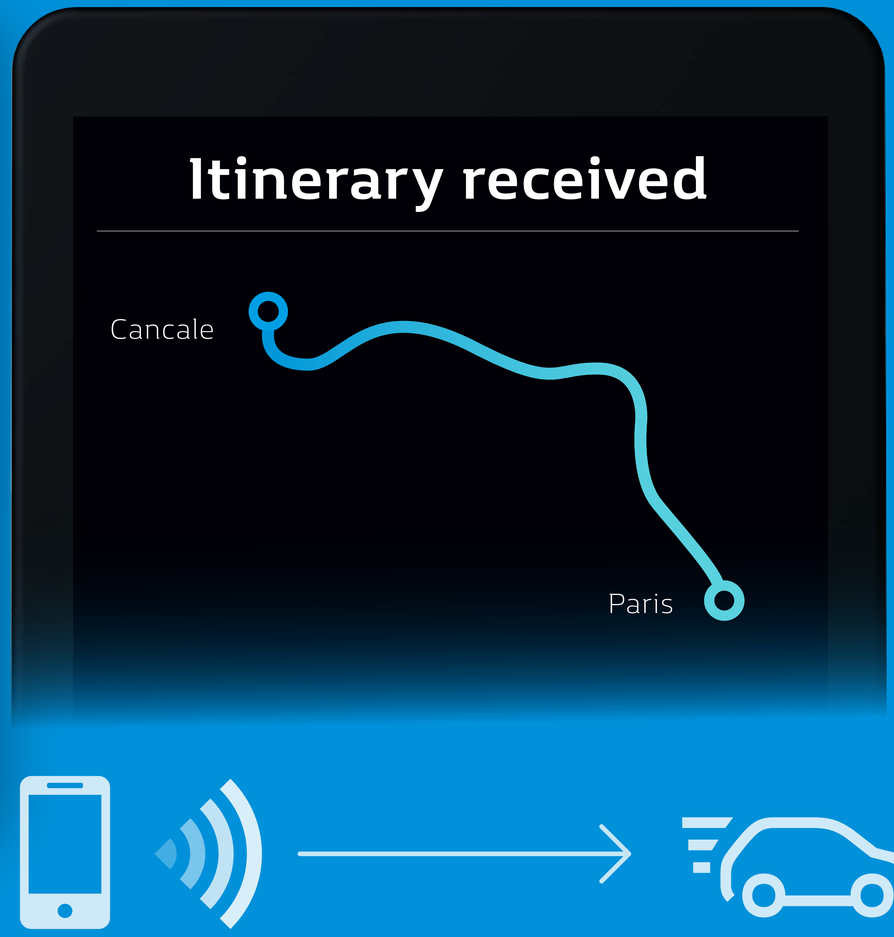
Ready to leave

Sending the destination from the smartphone to the car

The suitcases are packed. Using the MY Renault app on my phone, I send the address of our bed-and-breakfast in Cancale to the navigation embedded in the Renault EASY LINK multimedia system.

We load the car and are on our way!





A day in the electric life

Time for a break

1 2 3 4 5 6 7

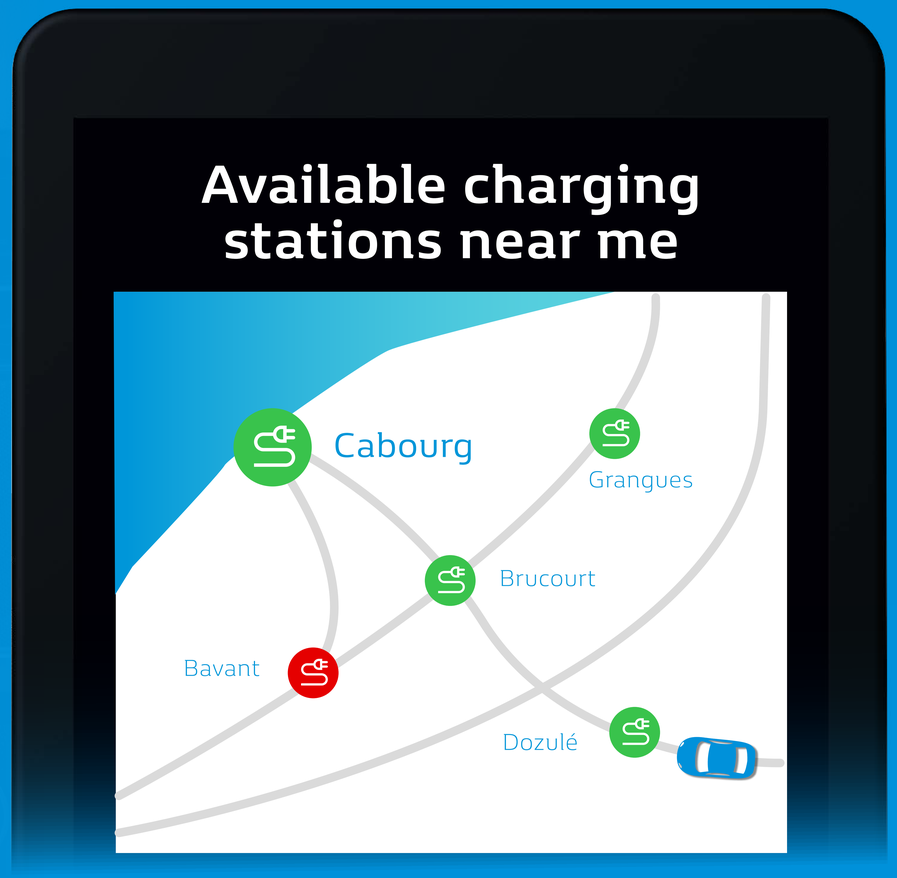
5

Time for a break

Dynamic display of charging stations and their availability

The time for a rest stop is approaching. On the GPS map of the Renault EASY LINK system I bring up the nearest charging stations with their availability updated in real time.

We eventually decide to make a stop by the sea at Cabourg to recharge our New ZOE on a fast terminal. Perfect time for lunch!



A day in the electric life

Guided all the way

1 2 3 4 5 6 7

6

Guided all the way

Embedded multimedia and navigation experience

With the Renault EASY LINK system, I control different functions without taking my eyes off the road: listening to and dictating my texts, browsing my music applications, podcasts or internet radio...

And of course, I am guided to my destination avoiding traffic congestion. I can even know what the weather will be like in Cancale when we arrive!





See you soon!

A day in the electric life

Arrival

1 2 3 4 5 6 7

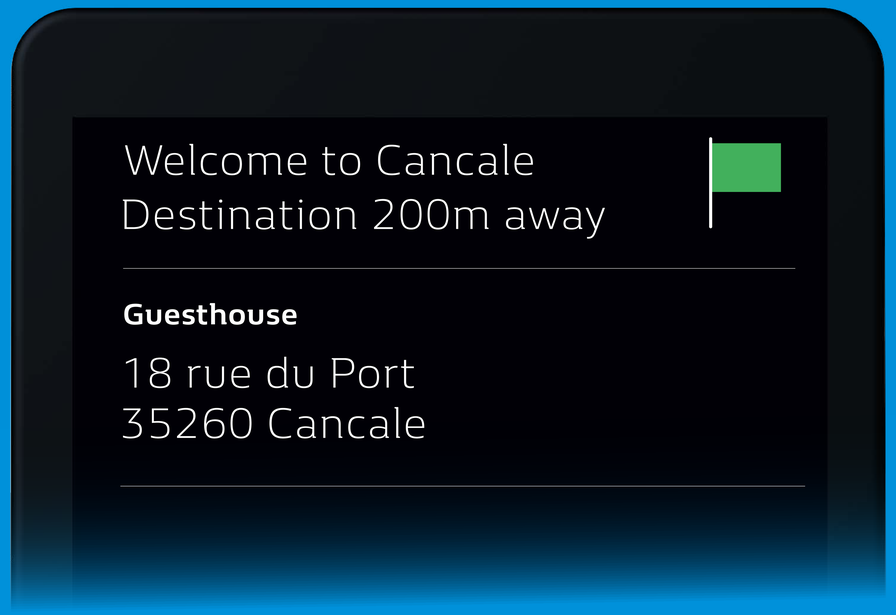
7

Arrival

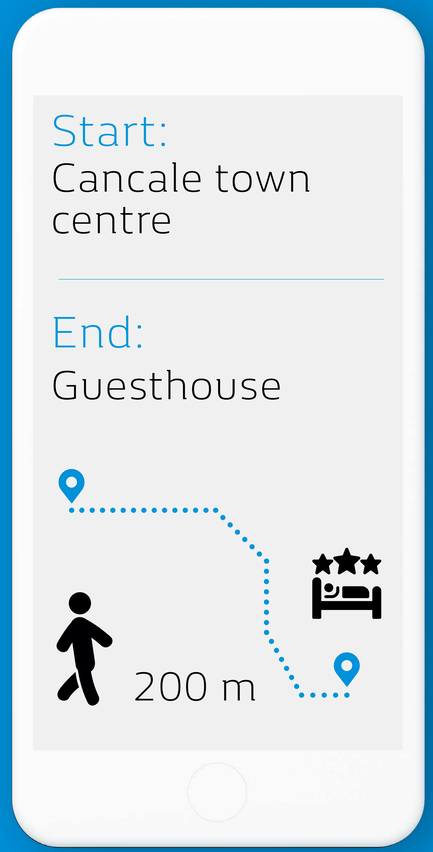
The last steps of the journey

Arriving in Cancale, we decide to walk through the area's pedestrianised streets to reach our bed-and-breakfast. I park in the city center.

A notification appears on my smartphone: the MY Renault application asks if we'd like to continue the navigation. We are thus guided to our final destination on foot.







Technical features



Engine	R110	R135
Battery type	Z.E. 50	
DRIVING RANGE		
Homologation protocol	WLTP(1)	
Homologated range in combined cycle (km)(2)	390	390
BATTERY		
Usable capacity (kWh)	52	
Technology	Lithium-ion	
Total voltage (volts)	400	
Number of modules/cells	12 / 192	
Battery weight (kg)	326	
ENGINE		
Peak power kW EEC (h.p.) / at peak power rating (rpm)	80 (108) / 3,395 to 10,886	100 (135) / 4,200 to 11,163
Peak torque Nm EEC (Nm) / at peak power rating (rpm)	225 / 500 to 3,395	245 / 1,500 to 3,600

(1) WLTP: Worldwide Harmonized Light Vehicles Test Procedures.
This new homologation protocol gives results that are much closer to real life conditions figures than the NEDC protocol.
(2) With WLTP homologation, the data given is the one of the vehicle definition that obtained the best score. In the process of being approved.

About Groupe Renault



A car manufacturer since 1898, Groupe Renault is an international multi-brand Group present in 134 countries and has sold **nearly 3.9 million vehicles in 2018.** Today, it has more than 180,000 employees, 36 manufacturing sites and 12,700 outlets in the world.

A pioneer and leader of the electric vehicle in Europe, the Group offers **the most complete range on the market** with ZOE, Twizy, Kangoo Z.E. and Master Z.E., but also the sedan RSM SM3 Z.E. sold in Korea and the new Renault City K-ZE for the Chinese market as a first step.

To meet the major technological challenges of the future and pursue its strategy of profitable growth, Groupe Renault has formulated an ambitious strategic plan based on its international development as well as its innovations in electric mobility solutions that are easy-to-use and accessible to the greatest number of users.

In 2022, Groupe Renault's range will include 8 electric vehicles and 12 electrified models. **The 100% electric vehicles will cover the main divisions of its offer and represent 20% of the range.**

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